



STIC Search Report

Biotech-Chem Library

STIC Database Tracking Number: 199484

TO: Bao-Qun Li
Location: rem/3c18/3d24
Art Unit: 1648
Wednesday, August 23, 2006
Case Serial Number: 09/587653

From: Barb O'Bryen
Location: Biotech-Chem Library
Remsen 1a69
Phone: 571-272-2518 *BOB*

barbara.obryen@uspto.gov

Search Notes

STIC-Biotech/ChemLib

~~198128~~ 199484

Fr m: Li, Bao-Qun
Sent: Thursday, August 10, 2006 9:16 AM
To: STIC-Biotech/ChemLib
Subject: RE:

The corrent number is 09/587,653.Thank you very much.

-----Original Message-----

From: STIC-Biotech/ChemLib
Sent: Thursday, August 10, 2006 9:15 AM
To: Li, Bao-Qun
Subject: FW:

Please change the serial number. Linda

-----Original Message-----

From: Hale, Mary
Sent: Thursday, August 10, 2006 9:04 AM
To: STIC-Biotech/ChemLib
Subject: FW:

Hi Linda,

Please log this in as a search and ask Deirdre to process

-----Original Message-----

From: Li, Bao-Qun
Sent: Thursday, August 10, 2006 6:36 AM
To: Hale, Mary
Subject:

Mary: I need to do one sequence alingment of SEQ ID No: 2 of application 09/587,650 with genbank accession number U22304. Can you help me to find one searcher to put them together or I need to file a sequence search request. Is there anyway that I can do it by myself, because I need it badly. Thank you.

Bao Qun Li M.D
TC 1600
Art Unit 1648
Tel. 517-272-0904
REM, 3C18
Rm. 3D24

8/10/2006

GenCore version 5.1.9
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OM nucleic - nucleic search, using sw model

Run on: August 23, 2006, 14:17:07 ; Search time 23 Seconds
(without alignments) 7.473 Million cell updates/sec

Title: US-09-587-653B-2-COPY
Perfect score: 9399
Sequence: 1 accacacacaccctcagcttg.....ccgcctcggaattaaacac 9399

Scoring table: IDENTITY_NUC
Gap 10.0 , Gapext 0.5

Searched: 1 seqs, 9143 residues

Total number of hits satisfying chosen parameters: 2

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%
Listing first 45 summaries

Database : u22304.gb_v1:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	9061.8	96.4	9143	1	HGU22304 ACCESSION:U22304
2	31	0.3	9143	1	HGU22304 ACCESSION:U22304

ALIGNMENTS

RESULT 1
HGU22304 9143 bp RNA linear VRL 12-APR-1995
DEFINITION Hepatitis GB virus B polypeptide complete genome.
ACCESSION U22304
VERSION U22304.1 GI:765144
KEYWORDS
SOURCE Hepatitis GB virus B
ORGANISM Hepatitis GB virus B
Virus; ssRNA positive-strand viruses, no DNA stage; Flaviviridae.
REFERENCE 1 (bases 1 to 9143)
Simons,J.N., Pilot-Matias,T.J., Leary,T.P., Dawson,G.J.,
Desai,S.M., Schlunder,G.G., Muerhoff,A.S., Erker,J.C., Buljck,S.L.,
Chalmers,M.L., van Sant,C.L. and Mushahwar,I.K.,
Identification of two flavivirus-like genomes in the GB hepatitis
agent
Proc. Natl. Acad. Sci. U.S.A. 92 (8), 3401-3405 (1995)
JOURNAL
PUBMED 7724574
REFERENCE 2 (bases 1 to 9143)
AUTHORS Simons,J.N.
TITLE Direct Submission
JOURNAL Submitted (06-MAR-1995) John N. Simons, Experimental Biology
Department, Abbott Laboratories, 1401 Sheridan Rd., North Chicago,
IL 60064, USA
FEATURES
SOURCE Location/Qualifiers
1..9143

CDS

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Query Match 96.4%; Score 9061.8; DB 1; Length 9143;
Best Local Similarity 99.6%; Pred. No. 0;
Matches 9096; Conservative 0; Mismatches 37; Indels 4; Gaps 1;

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Db      ||||| 1741 TGGGCAATGCTATGCACTATGAGGCACTGATGAGTGTGGAAGACATGCGCACTTA 1800
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QY	3121	TTTTGAAAGGCAAGGAGGGTCTATAGAAATGAAAGAAAGCGCTTGCGTGTGGGACAC	3180
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QY	3181	GGTGAATGTTTGGCCCGTTGTGTGGCGGCTCTGGGCACTTGTTTTCGAGGGTTGGCTAT	3240
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Db	3241	GCCGCGAATGAGGTAGGCGCATTTACCGCACTTTTACGCTGCAATGTCTCTGAAACGGG	3300
QY	3301	CACCGTGTCAACGATGGGAGTGTCTATGACTGTATTAAGACCCCGAACTTGTGAATGAAAC	3360
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QY	3481	CCCAATAAACGGTGAACGGGGCTATATGACCAAGGACATCTATCAACACATATGGAAGCTGG	3540
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QY	3601	ATTGGTTGAGGTCAACAATCCGATGACCTTATATGATGTGTGTGTCGGGGCCCTTCCCAT	3660
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QY	3661	GGCTGTGGCCAAAGGTTCTTCAAGTGGCCGATCTGTGTCTCTCCGGGACATGTTATTGG	3720
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QY	3721	GATGTTCACGCGTCTAGAAATTTCTGGCGGTTCAGTCAGTCAATGATTAAGGGTTAGCGGTT	3780
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QY	3841	TGTGCTTAAACGATATTCAGTGCAGAAATTTTATATGCCCCCACTGGCAGCGCAATGCAC	3900
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Db	3961	GGCTACAAACAGCATCAATGCGAAAGTACATGCACGCGCATCGGCGGTGATCCAAATTG	4020
QY	4021	CTATTTTAAATGACCAATGTATCCACACAGGGGCTTCACTTAAGTACAGCATATGAGCAT	4080
Db	4021	CTATTTTAAATGACCAATGTATCCACACAGGGGCTTCACTTAAGTACAGCATATGAGCAT	4080
QY	4081	GTACTCTGACGGAGCATGTTCGGGGAATTAATGATATCAATTGTGACGAATGGCCATGC	4140
Db	4081	GTACTCTGACGGAGCATGTTCGGGGAATTAATGATATCAATTGTGACGAATGGCCATGC	4140
QY	4141	TACCGATGCAACACCGTGTGAGCATTTGGAAGAGTCTTAACCGAAGCTCATTCAGAAAA	4200
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QY	4261	CAACATTAACGAGATTCAATTAACGATGAAAGCATATCCCTTCAATGGAATAAAGAT	4320
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QY	4321	TAAAGAGGAAAAATCTGAGAGAAAGGAGACACTTATCTTGAAGGCTACCAAAAAACATG	4380
Db	4321	TAAAGAGGAAAAATCTGAGAGAAAGGAGACACTTATCTTGAAGGCTACCAAAAAACATG	4380
QY	4381	TGATGAGCTTGCTAACGATTAAGTGTGAAAGGATTAACAGCTGTCTCTTAATAAGGGG	4440
Db	4381	TGATGAGCTTGCTAACGATTAAGTGTGAAAGGATTAACAGCTGTCTCTTAATAAGGGG	4440
QY	4441	ATGTGACATCTCAAAAAATCCCTGAGGGGCGACTGTATGATATGTTGCACTGATATCCCTTGTG	4500
Db	4441	ATGTGACATCTCAAAAAATCCCTGAGGGGCGACTGTATGATATGTTGCACTGATATCCCTTGTG	4500
QY	4501	TACAGGGTACACTGTGTATCTTATTCGATATGACTGACAGGCTCATGTGTAAAGGCAC	4560

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AUTHORS   Simons,J.N., Pilot-Matias,T.J., Leary,T.P., Dawson,G.J.,
          Desai,S.M., Schlauder,G.G., Muerhoff,A.S., Erker,J.C., Buljk,S.L.,
          Chalmers,M.L., van Sant,C.L. and Mushahwar,I.K.
          Identification of two flavivirus-like genomes in the GB hepatitis
          agent
          J. Natl. Acad. Sci. U.S.A. 92 (8), 3401-3405 (1995)
JOURNAL   Proc. Natl. Acad. Sci. U.S.A. 92 (8), 3401-3405 (1995)
PUBMED    7724574
REFERENCE 2 (bases 1 to 9143)
AUTHORS   Simons,J.N.
          Direct Submission
          Submitted (06-MAR-1995) John N. Simons, Experimental Biology
          Department, Abbott Laboratories, 1401 Sheridan Rd., North Chicago,
          IL 60064, USA
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Search completed: August 23, 2006, 14:17:30
 Job time : 23 secs

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